

ABSTRACT OF THE DISCLOSURE

A membrane-electrode assembly for direct methanol type fuel cell and a proton conductive membrane for direct methanol type fuel cell are disclosed. The membrane-electrode assembly comprises a negative electrode and a positive electrode assembled via a proton conductive membrane, the negative electrode being provided with a negative electrode-side separator having a mechanism for feeding a methanol aqueous solution as a fuel, the positive electrode being provided with a positive electrode-side separator having a mechanism for feeding an oxidizing agent gas, and the proton conductive membrane comprising a polymer containing 0.05-99.95 mol% of a repeating constitutional unit represented by the formula (A), and 0.05-99.95 mol% of a repeating constitutional unit represented by the formula (B).